Parts List

(ILLUSTRATED)

MODEL

"6H"

TYPE NUMBERS
309510 to 309611

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NOTICE

FILE IN SECTION 2 OF YOUR ENGINE SERVICE MANUAL.

REMOVE AND DESTROY PRESENT MODEL "6H" PARTS LIST (Form MS-3372) FROM SECTION 2 OF MANUAL.

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This book is for your service manual only and not for customer use. Model "6H" Operating and Maintenance Manuals – Form 27442 – includes the same parts data for customer's use.

ORIGINAL
BRIGGS & STRATTON
SERVICE PARTS ®

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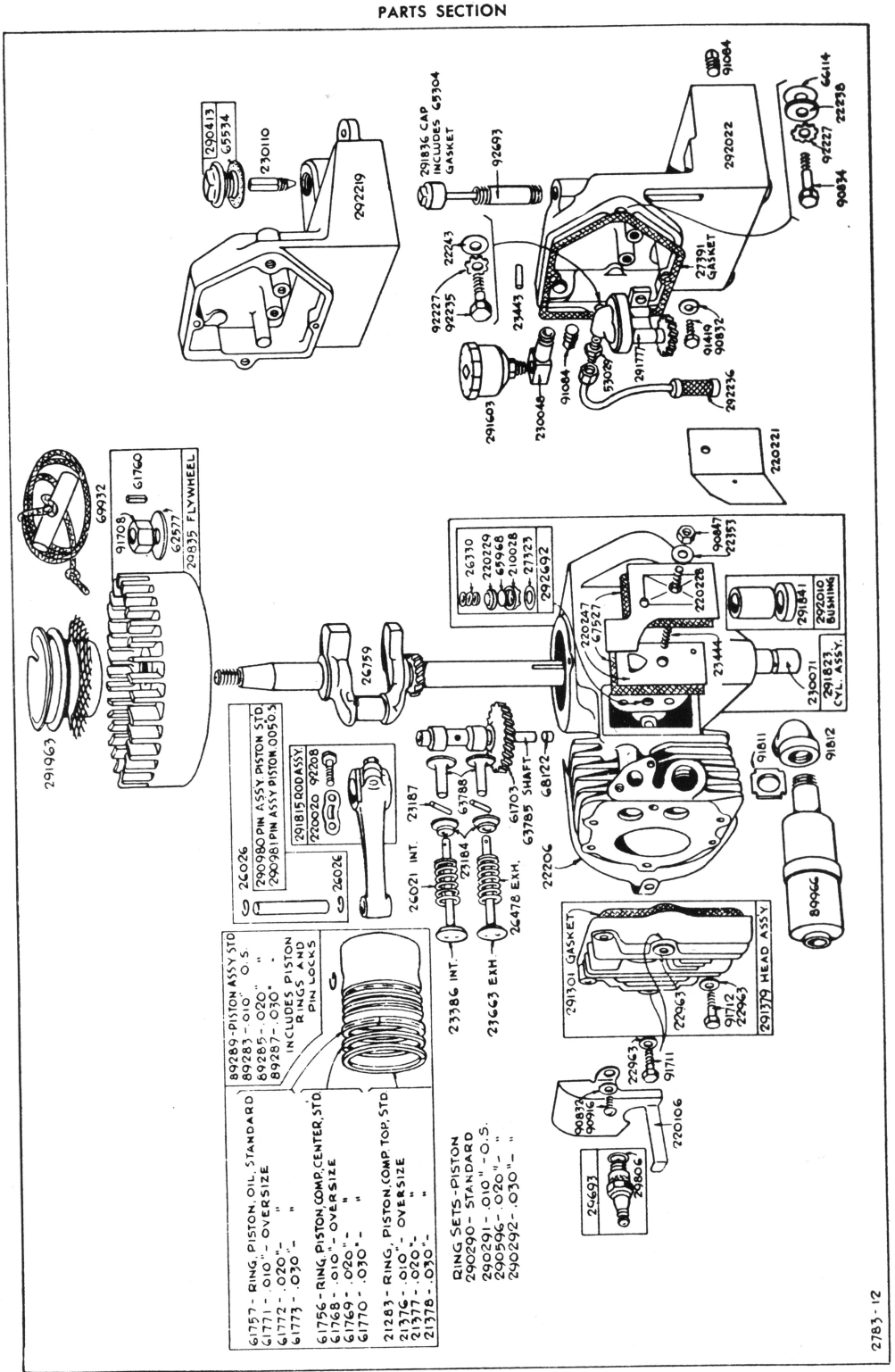
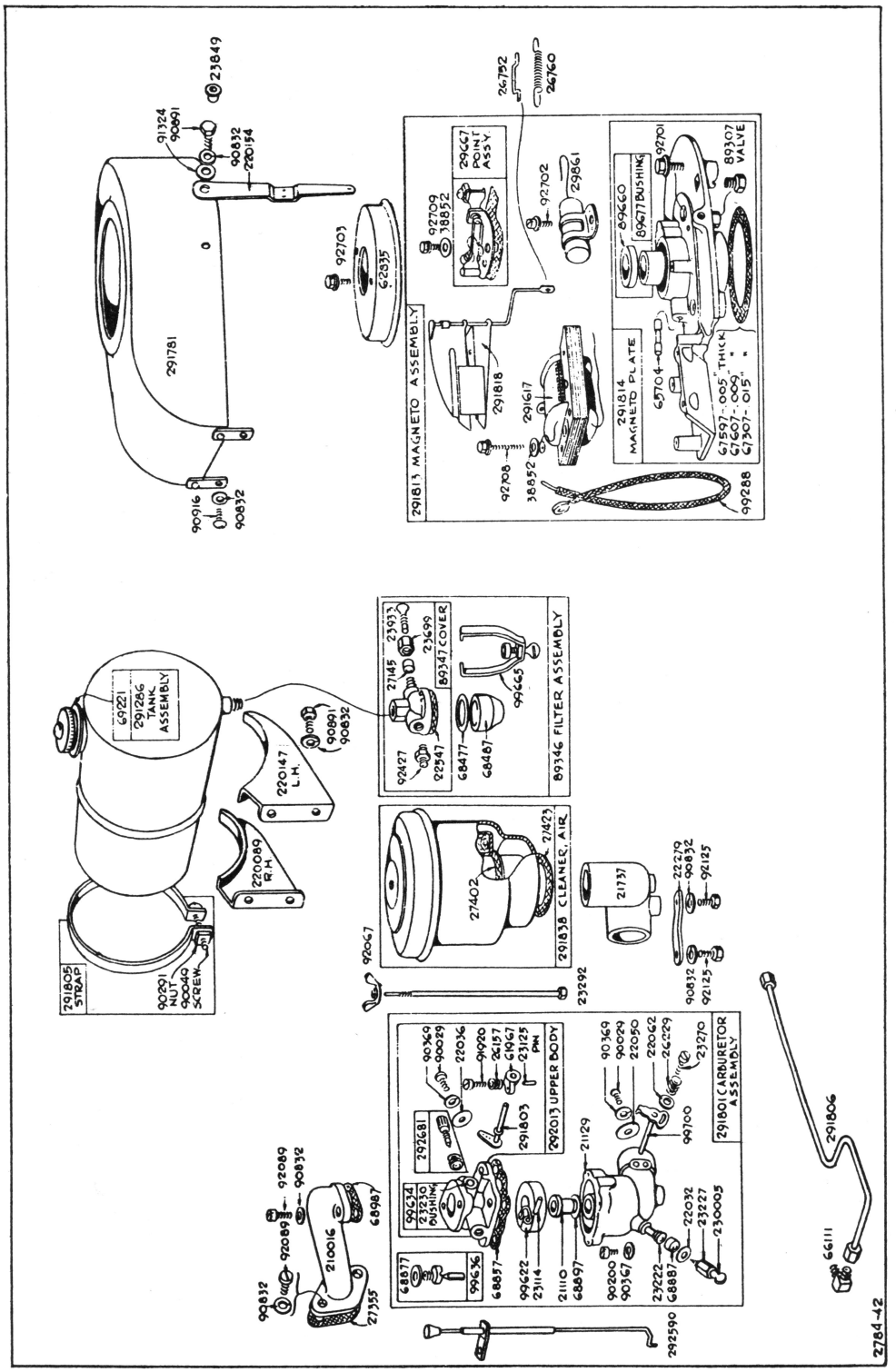
PARTS SECTION



CYLINDER, BASE, PISTON, CONNECTING ROD, CRANKSHAFT AND FLYWHEEL PARTS — PLATE NO. 23

Assemblies include all parts shown in frames

PARTS SECTION



FUEL SYSTEM, BLOWER CASE AND MAGNETO PARTS — PLATE NO. 24
Assemblies include all parts shown in frames

NUMERICAL PARTS LIST

MASTER PART NO.	NAME	SHIPPING WEIGHT Lbs.	Oz.
21110	Venturi—Carburetor		1
21129	Body—Lower Carburetor		6
21283	Ring—Piston, Compression, Top—Standard		1
21376	Ring—Piston, Compression, Top—.010" O.S.		1
21377	Ring—Piston, Compression, Top—.020" O.S.		1
21378	Ring—Piston, Compression, Top—.030" O.S.		1
21737	Elbow—Air Cleaner		6
†22032	**Washer—Needle Valve Packing**		1
22036	Valve—Throttle		1
22050	Valve—Choke		1
22062	Washer—Choke Lever		1
22206	Shield—Cylinder		6
22238	Washer—Cylinder Mounting		1
22243	Washer—Cylinder Mounting		1
22279	Brace—Air Cleaner Elbow		1
*22353	Washer—Valve Cover		1
22547	Screen—Fuel Filter		1
22963	Washer—Cylinder Head		1
†23114	Pin—Float Hinge		1
23125	Pin—Throttle Stop		1
23184	Retainer—Valve Spring		1
23187	Pin—Valve Spring Retainer		1
†23222	Nozzle—Carburetor		1
†23227	Nut—Needle Valve Packing		1
23230	Bushing—Throttle Shaft		1
23270	Screw—Choke Lever		1
23292	Bolt—Air Cleaner—6 5/16" long		2
23386	Valve—Intake		2
23443	Pin—Engine Base		1
23444	Stud—Valve Cover		1
23663	Valve—Exhaust		2
23699	Nut—Fuel Shut-off Lever		1
23849	Bushing—Control Lever		1
23933	Lever—Fuel Shut-off		2
26021	Spring—Intake Valve		1
26026	Lock—Piston Pin		1
†26157	Spring—Throttle Adjustment		1
26229	Spring—Choke Lever		1
26330	Spring—Breather Retainer		1
26478	Spring—Exhaust Valve		1
26752	Link—Governor		1
26759	Crankshaft	3	
	Note: **No. 26813** Crankshaft	3	
	Used on type Nos. 309610, 309611.		
26760	Spring—Governor		1
27145	Packing—Fuel Shut-off Lever		1
27323	Gasket—Breather Body		1
*27355	Gasket—Intake Elbow Mounting		1
*27391	Gasket—Engine Base		1
27402	Gasket—Air Cleaner (Cup Shape)		1
27423	Gasket—Air Cleaner Mounting		1
	Note:* **No. 292252 Gasket Set		1
	Used on engines with plastic bowl air cleaner.		
29667	Breaker Assembly—Ignition		2
29693	Plug—Spark—with Gasket		3
29806	Gasket—Spark Plug		1

† *Included in Carburetor Overhaul Kit — Part No. 291691.*
* *Included in Gasket Set — Part No. 292253.*

PARTS SECTION

MASTER PART NO.	NAME	SHIPPING WEIGHT Lbs.	Oz.
29835	Flywheel—Magneto	6	
29861	Condenser		2
38852	Washer—Armature and Breaker Mounting		1
53029	Connector—Oil Pipe		1
61703	Gear—Cam	1	8
61756	Ring—Piston, Compression, Center—Standard		1
61757	Ring—Piston, Oil—Standard		1
61760	Key—Flywheel		1
61768	Ring—Piston, Compression, Center—.010" O.S.		1
61769	Ring—Piston, Compression, Center—.020" O.S.		1
61770	Ring—Piston, Compression, Center—.030" O.S.		1
61771	Ring—Piston, Oil—.010" O.S.		1
61772	Ring—Piston, Oil—.020" O.S.		1
61773	Ring—Piston, Oil—.030" O.S.		1
61967	Stop—Throttle Lever		1
62577	Washer—Flywheel		1
62835	Cover—Dust		4
63785	Shaft—Cam		3
63788	Tappet—Valve		1
65304	Gasket—Filler Cap		1
65534	Gasket—Filler Cap (Used only on type No. 309610)		1
65704	Plunger—Breaker Point		1
65968	Disc—Breather		1
66111	Connector—Fuel Pipe		1
*66114	Washer—Cylinder Mounting		1
*67307	Gasket—Magneto Plate—.015" thick		1
*67527	Gasket—Valve Cover		1
*67597	Gasket—Magneto Plate—.005" thick		1
*67607	Gasket—Magneto Plate—.009" thick		1
68122	Plug—Cam Shaft		1
*68477	Gasket—Fuel Filter Bowl		1
68487	Bowl—Fuel Filter		2
†68857	Gasket—Carburetor Body		1
68877	Gasket—Fuel Inlet Valve Seat		1
†68887	Packing—Needle Valve		1
†68897	Gasket—Carburetor Venturi		1
*†68987	Gasket—Carburetor Mounting		1
69221	Cap—Fuel Tank		2
69932	Rope—Starter		6
89283	Piston Assembly—.010" O.S.		8
89285	Piston Assembly—.020" O.S.		8
89287	Piston Assembly—.030" O.S.		8
89289	Piston Assembly—Standard		8
89307	Valve—Oil Return		1
89346	Filter Assembly—Fuel		10
89347	Cover—Fuel Filter		3
89660	Seal—Oil		1
89677	Bushing—Magneto Includes: **No. 89660** Seal—Oil.		3
89966	Muffler		8
90029	Screw—Machine, Round Head—4-36 x ¼"		1
90049	Screw—Machine, Rd. Hd.—No. 10-24 x ¾"		1
90200	Screw—Machine, Fillister Head—8-32 x ½"		1
90291	Nut—Square—10-24		1
90366	Washer—Lock—5/16 x ⅛ x 1/16"		1
90367	Washer—Lock—No. 8 x 5/64 x 1/32"		1
90369	Washer—Lock—No. 4 x 3/64 x 1/32"		1
90832	Washer—Lock—¼ x 3/32 x 5/64"		1
90834	Screw—Base Mounting		1
90847	Nut—Hexagon—¼-28		1

† Included in Carburetor Overhaul Kit — Part No. 291691.

** Included in Gasket Set — Part No. 292253.*

TYPE NOS. 309510 TO 309611

PARTS SECTION

MASTER PART NO.	NAME	SHIPPING WEIGHT Lbs. Oz.
90891	Screw—Cap, Hex. Hd.—¼-20 x ½"	1
	Note: **No. 91419** Screw—Cap, Hex. Hd.—¼-20x⅝"	1
	Used on type Nos. 309511, 309512.	
90916	Screw—Machine, Round Head—¼-20 x ½"	1
91084	Plug—Pipe—⅜"	1
91324	Washer—¼" Standard	1
	Note: **No. 62199** Washer—Control Lever	1
	Used on type Nos. 309511, 309512.	
91419	Screw—Cap, Hexagon Head—¼-20 x ⅝"	1
91708	Nut—Flywheel	1
91711	Screw—Cylinder Head (1" long)	1
91712	Screw—Cylinder Head (1¼" long)	1
91811	Locknut—Exhaust Elbow	2
91812	Elbow—Exhaust	3
91920	Screw—Machine, Fillister Head—8-32 x ⅝"	1
92067	Nut—Wing	1
92089	Screw—Machine, Fillister Head—¼-20 x ¾"	1
92125	Screw—Cap, Hexagon Head—¼-20 x ½"	1
92208	Screw—Connecting Rod	1
92227	Washer—Lock—Shakeproof No. 1120	1
92235	Screw—Base Mounting	1
92427	Connector—Fuel Pipe	1
92693	Nipple—Oil Filler	3
92701	Screw—Magneto Mounting Sem	1
92702	Screw—Condenser Mounting Sem	1
92703	Screw—Dust Cover Mounting Sem	1
92708	Screw—Armature Mounting Sem	1
92709	Screw—Breaker Mounting Sem	1
99288	Cable—Ignition	2
99622	Float—Carburetor	3
99634	Body—Upper Carburetor	4
†99636	Valve and Seat—Fuel Inlet	1
99665	Yoke—Fuel Filter	2
99700	Shaft and Lever—Choke	2
210016	Elbow—Intake	8
	Note: **No. 210087** Elbow—Intake	8
	Used on type Nos. 309610, 309611.	
210028	Body—Breather	1
220020	Lock—Connecting Rod Screw	1
220089	Bracket—Fuel Tank (Right Hand)	6
220106	Cover—Cylinder Head	1
220147	Bracket—Fuel Tank (Left Hand)	6
220154	Lever—Governor Control	2
220221	Shield—Carburetor	2
220228	Cover—Valve	6
	Note: **No. 220120** Cover—Valve	6
	(Used on engines before Serial No. 51623)	
220229	Cover—Breather	1
220247	Plate—Oil Baffle	2
†230005	Valve—Needle	1
230048	Elbow—Breather	
230071	Spacer—Support (Used only on type 309500 series)	2
230110	Plug—Oil Drain (Used only on type Nos. 309610, 309611)	2
290290	Ring Set—Standard Piston	3
290291	Ring Set—.010" O.S. Piston	3
290292	Ring Set—.030" O.S. Piston	3
290413	Cap—Oil Filler (Used only on type Nos. 309610, 309611)	4
290596	Ring Set—.020" O.S. Piston	3

† Included in Carburetor Overhaul Kit — Part No. 291691.

TYPE NOS. 309510 TO 309611

PARTS SECTION

MASTER PART No.	NAME	SHIPPING WEIGHT Lbs.	Oz.
290980	Pin Assembly—Piston—Standard		2
290981	Pin Assembly—Piston—.005" O.S.		2
291286	Tank Assembly—Fuel	3	
*291301	Gasket—Cylinder Head ($\frac{1}{32}$" Thick)		1
	Note: **No. 67537** Gasket—Cylinder Head ($\frac{1}{32}$" Thick)		1
	Used with cylinder heads having seven fins.		
291379	Head Assembly—Cylinder	1	8
291603	Breather (Used on engines before Serial No. 51623)		5
291617	Armature—Magneto	1	2
291691	Carburetor Overhaul Kit		6
291777	Pump Assembly—Oil		8
291781	Housing—Blower		14
291801	Carburetor Assembly	1	
291803	Shaft and Lever Assembly—Throttle		1
291805	Strap—Fuel Tank		4
291806	Pipe—Fuel—12$\frac{1}{16}$" long		3
291813	Magneto Assembly	6	
	Note: **No. 292216** Magneto Assembly	6	
	Used on type Nos. 309610, 309611.		
291814	Plate—Magneto	2	
291815	Rod Assembly—Connecting		10
291818	Blade—Governor		6
	Note: **No. 292214** Blade—Governor		6
	Used on type Nos. 309610, 309611.		
291823	Cylinder Assembly	14	
	Note: **No. 292240** Cylinder Assembly	14	
	Used on type Nos. 309610, 309611.		
291836	Cap Assembly—Oil Filler		3
291838	Cleaner Assembly—Air	1	
291841	Seal—Oil		1
291963	Starter Pulley with Screen (Use Part No. 293138)		12
	Note: **No. 291537** Starter Pulley With Screen		8
	Used on type No. 309511.		
292010	Bushing—Cylinder		3
292013	Body Assembly—Upper Carburetor		4
292022	Sump—Oil (Used on 309500 series)	9	
292219	Sump—Oil (Used on 309600 series)	3	8
292236	Pipe—Oil		4
	Note: **No. 292223** Pipe—Oil		4
	Used on type Nos. 309610, 309611.		
292253	Gasket Set		4
292590	Control—Throttle		6
†292681	Valve Assembly—Idler Needle		1
292692	Breather Assembly (Used on engines after Serial No. 51622)		2
293138	Starter Pulley with Screen		12

* *Included in Gasket Set — Part No. 292253.*
† *Included in Carburetor Overhaul Kit — Part No. 291691.*